

1 WHAT IS CLAIMED IS

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*Sub a1*

1. An application managing method for a case where a plurality of applications are stored, comprising the steps of:

10 forming a directory structure corresponding to said plurality of applications;

giving items of identification information to predetermined directories of said directory structure, respectively, said items of identification information being used for identifying said plurality of applications, respectively, said plurality of applications corresponding to said predetermined directories, respectively; and

15 performing management so that an application of said plurality of applications corresponding to a directory of said predetermined directories is selected in accordance with an item of said items of identification information given to said directory of said predetermined directories, when said directory of said predetermined directories is selected.

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2. The application managing method, according to claim 1, wherein:

30 said items of identification information comprise addresses of said plurality of applications, respectively; and

35 an address of said addresses is recognized, and thereby, an application of said plurality of applications corresponding to said address of said addresses is accessed.

1 *Sub*  
*a2* 3. The application managing method,  
according to claim 1, comprising the steps of:  
preparing an application management table  
storing said items of identification information and  
5 starting addresses of said plurality of applications  
which correspond to said items of identification  
information, respectively, and  
referring to said application management  
table when a directory of said predetermined  
10 directories is selected, so as to recognize a starting  
address of an application of said plurality of  
applications, said starting address corresponding to an  
item of said identification information given to said  
directory of said predetermined directories, and to  
15 access said application of said plurality of  
applications.

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4. The application managing method,  
according to claim 1, comprising the steps of:  
storing size information at a starting  
address of each application of said plurality of  
25 applications, said size information indicating a size  
of said application of said plurality of applications;  
repeating detection of the size of an  
application of said plurality of applications from the  
size information stored in the starting address of said  
30 application of said plurality of applications, and  
search for a starting address of a next application of  
said plurality of applications in accordance with said  
size of the preceding application of said plurality of  
applications, so as to obtain the starting address of a  
35 desired application of said plurality of applications.

1           5. The application managing method,  
according to claim 1, wherein an item of said items of  
identification information is given to the highest  
directory of said directory structure.

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          6. The application managing method,  
10 according to claim 1, wherein an item of said items of  
identification information is given to each directory  
of said directory structure.

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          7. The application managing method,  
according to claim 1, wherein, when an application of  
said plurality of applications is substantially  
20 deleted, an item of said items of identification  
information for said application of said plurality of  
applications is caused to be ineffective.

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          8. The application managing method,  
according to claim 1, wherein:  
when an application of said plurality of  
30 applications is updated, an application obtained from  
updating said application of said plurality of  
applications is added to said plurality of  
applications; and

          an item of said items of identification  
35 information for identifying said application of said  
plurality of applications is changed to an item of  
identification information for identifying said

1 application obtained from updating said application of  
said plurality of applications.

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9. An application managing method,  
comprising the steps of:

10 storing applications and data used by said  
applications in a series of storage areas; and  
managing the applications and data used by  
said applications stored in said series of storage  
areas,

15 wherein said series of storage areas is  
divided into a program area storing said applications  
and a data area storing said data used by said  
applications.

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10. The application managing method,  
according to claim 9, wherein a boundary between said  
program area and said data area is changeable.

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11. The application managing method,  
30 according to claim 10, wherein, when said applications  
are stored in said program area, said applications are  
stored from an end of said program area opposite to  
said boundary.

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1 Sub A3 12. An information processing apparatus,  
storing a plurality of applications, comprising a  
directory structure corresponding to said plurality of  
applications,

5 wherein items of identification information  
are given to predetermined directories of said  
directory structure, respectively, said items of  
identification information being used for identifying  
said plurality of applications, respectively, said  
10 plurality of applications corresponding to said  
predetermined directories of said directory structure.

15 13. The information processing apparatus,  
according to claim 12, wherein said items of  
identification information comprise addresses of said  
plurality of applications, respectively.

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Sub A4 14. The information processing apparatus  
25 according to claim 12, comprising an application  
management table which stores said items of  
identification information and starting addresses of  
said plurality of applications which correspond to said  
items of identification information, respectively.

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15. The information processing apparatus,  
35 according to claim 12, wherein an item of said items of  
identification information is given to the highest  
directory of said directory structure.

1        16. The information processing apparatus,  
according to claim 12, wherein an item of said items of  
identification information is given to each directory  
of said directory structure.

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10        17. An information processing apparatus,  
storing applications and data used by said applications  
in a series of storage areas,

         wherein said series of storage areas is  
divided into two predetermined areas, one of said two  
predetermined areas storing the applications and the  
15        other of said two predetermined areas storing the data  
used by said applications.

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*Add  
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